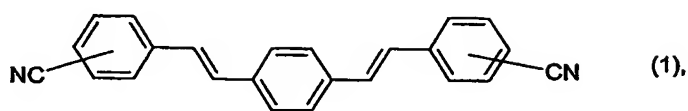


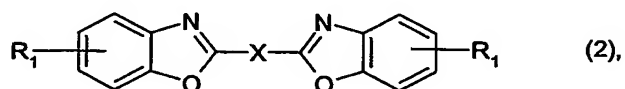
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Claims

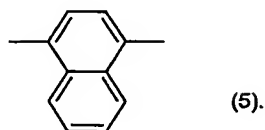
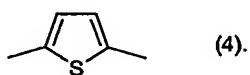
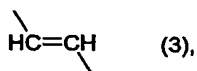
1. A mixture of fluorescent whitening agents comprising 11 to 20 % by weight of a compound of formula



and 80 to 89 %by weight of one or more compounds of formula

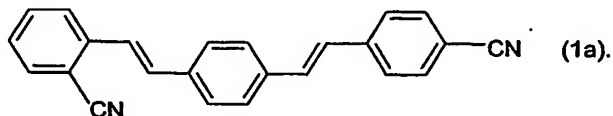


wherein R_1 denotes hydrogen, C_1 - C_6 alkyl, C_5 - C_{14} aryl or C_6 - C_{24} aralkyl and X is a bivalent radical of formula (3), (4) or (5)



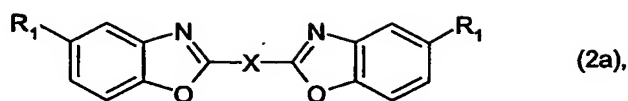
2. A mixture according to claim 1 comprising 13 to 17 % by weight of the compound of formula (1) and 83 to 87 % of the compound of formula (2).

3. A mixture according to claim 1 or 2 comprising a compound of formula (1a)



4. A mixture according to any of claims 1 to 3 comprising a compound of formula (2a)

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(2a),

wherein R₁ and X are as defined in claim 1.

5. A mixture according to claim 4 comprising a compound of formula (2a) wherein R₁ denotes hydrogen or C₁-C₆alkyl.

6. A mixture according to claim 4 comprising a compound of formula (2a) wherein R₁ denotes methyl and X is a bivalent radical of formula (3).

7. A mixture according to claim 4 comprising a compound of formula (2a) wherein R₁ denotes hydrogen and X is a bivalent radical of formula (4).

8. A composition, which contains water, mixtures of fluorescent whitening agents according to any one claims 1 to 7 and, optionally, auxiliaries.

9. A composition according to claim 8 containing water and, in each case based on the total weight of the formulation, from 3 to 25% by weight, preferably from 10 to 20% by weight of the above defined fluorescent whitening agent mixture and 0 to 60%, preferably 5 to 50% by weight, of auxiliaries.

10. Use of a mixture according to any one of claims 1 to 7 or a composition according to claim 8 or 9 for whitening synthetic fibres.

11. Use of a mixture according to any one of claims 1 to 7 or a composition according to claim 8 or 9 for whitening polyester fibres.